

METHOD AND SYSTEM FOR REPORTING XML DATA
BASED ON PRECOMPUTED CONTEXT AND A DOCUMENT OBJECT MODEL

ABSTRACT OF THE DISCLOSURE

5 A method and system for modifying program
applications of a legacy computer system to directly
output data as XML using a DOM instance, models the
legacy computer system, maps the model to an XML schema
and automatically modifies one or more applications to
directly output XML formatted data from an internally
constructed DOM instance in cooperation with a writer
engine. The writer engine allows for an arbitrary number
10 of contexts to be simultaneously active and builds a
complete DOM instance by using the multiple contexts to
buffer output data. The writer engine directly loads XML
schema information to construct and output DOM instances
in accordance with the schema and subject to further
15 transformation by XSLT stylesheets.